



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

January 28, 2019

(b) (6)

Nathalie, VA 24577

RE: EPA Sampling Results

Dear (b) (6):

Thank you for allowing EPA to sample the well located at the above address. Samples were collected both pre and post-filter. The samples collected on (b) (6) were analyzed for volatile organic contaminants and inorganic contaminants (also known as metals). This sampling was offered as part of an assessment EPA is performing to determine if elevated levels of trichloroethene and/or tetrachloroethene may be present in drinking water.

The following is a summary of your results for all contaminants detected above the laboratory detection limit. All results are in microgram/liter. All other results were non-detect.

EPA Maximum Contaminant Levels (MCLs) apply only to public water drinking systems. Also, MCLs do not exist for all contaminants. Many inorganics, such as calcium, iron, and sodium, are naturally found in the environment and therefore, no regulatory drinking water level is applicable.

Location	Contaminant	RESULT	Minimum Laboratory Detection Limit	EPA's Maximum Contaminant Limit for Public Drinking Water	EPA Comment
	<i>VOLATILE ORGANICS</i>	(b) (6)			
PRE-FILTER	Tetrachloroethene	(b) (6)	0.5	5	Result is below laboratory limit
POST-FILTER	Acetone	(b) (6)		N/A	Likely laboratory contamination.

	<i>INORGANICS (METALS)</i>				
POST-FILTER	Arsenic	(b) (6)	1.0	10	Not detected pre-filter
PRE-FILTER	Barium		10	200	
POST	Barium		10	200	
PRE-FILTER	Calcium			N/A	
PRE-FILTER	Copper		2.0	1300	
POST-FILTER	Copper		2.0	1300	
PRE-FILTER	Iron		100	N/A	
POST-FILTER	Lead		1.0	15	Not detected in Pre-filter
PRE-FILTER	Magnesium		500	N/A	
PRE-FILTER	Manganese		15	N/A	
POST-FILTER	Nickel		1.0	N/A	Not detected in Pre-filter
PRE-FILTER	Potassium		500	N/A	
POST-FILTER	Potassium		500	N/A	
PRE-FILTER	Sodium		500	N/A	
POST-FILTER	Sodium		500	N/A	
PRE-FILTER	Zinc		2.0	N/A	
POST-FILTER	Zinc		2.0	N/A	

In summary, no hazardous substances were detected in your well above regulatory limits. No additional sampling is necessary, and no additional actions are necessary at this time.

EPA appreciates your participation in this sampling assessment. If you have any questions, please contact me at (804) 337-3049 or by email at wagner.christine@epa.gov

Sincerely,

Christine Wagner
On-Scene Coordinator
EPA Region III